

ABSTRACT

A method for quantitating an oligonucleotide in a sample of bodily fluid and/or extract is provided. The method
5 comprises contacting an oligonucleotide with a probe comprising a detectable marker and a binding moiety; placing the fluid or extract in contact with a solid support to which a binding partner of the binding moiety is attached; contacting the fluid or extract with a single-strand specific
10 nuclease to degrade probe which is not hybridized to the oligonucleotide; and detecting a label associated with the marker. The method provides for the detection and/or localization of oligonucleotides, including administered modified oligonucleotides, for therapeutic and/or
15 pharmacokinetic purposes.